Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 10/31/2018 4:19:50 PM
To: Smith, Emily J. [Smith.Emily@epa.gov]
Subject: RE: NERL's role in Fayetteville portion of GenX Exposure Study

Yes this is fine Emily. Exactly what we did for the Wilmington samples.

Mark

From: Smith, Emily J.
Sent: Wednesday, October 31, 2018 11:23 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: NERL's role in Fayetteville portion of GenX Exposure Study

Hi Mark,

So below is how I've described ORD's role in the Fayetteville portion of the GenX Exposure Study. Any more clarification you can provide would be great. Thank you!!

-Emily

Ex. 5 Deliberative Process (DP)

Emily J. Smith
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Phone: 919-541-5556
E-mail: smith.emily@epa.gov

From: Smith, Emily J.
Sent: Wednesday, October 31, 2018 10:42 AM
To: Strynar, Mark <strynar.mark@epa.gov>
Subject: RE: NERL's role in Fayetteville portion of GenX Exposure Study
Importance: High

Hi Mark,

I also don't understand in what way NERL will be collaborating on the Fayetteville portion of the study. At that point, won't the water, serum and urine methods already be developed by NERL? My understanding is that NCSU is overseeing sample collection, lab analysis, data synthesis and communication of results to study participants and the public. I need to clarify what our role with the Fayetteville portion will be.

Thank you!

-Emily

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From: Smith, Emily J.
Sent: Wednesday, October 31, 2018 10:20 AM
To: Strynar, Mark <strynar.mark@epa.gov>
Subject: RE: R21 suplement in Fayetteville, NC

Hi Mark,

Do you think that NCSU will collect the Wilmington samples in 2018? Or is that more likely to occur in 2019? Thanks!!

-Emily

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From: Strynar, Mark
Sent: Wednesday, October 31, 2018 7:44 AM
To: Smith, Emily J. <Smith.Emily@epa.gov>
Cc: Maguire, Megan <Maguire.Megan@epa.gov>
Subject: RE: R21 suplement in Fayetteville, NC

Yes we will. We will serve in the same capacity as the Wilmington samples that were collected.

Mark

From: Smith, Emily J.
Sent: Tuesday, October 30, 2018 5:15 PM

To: Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Maguire, Megan <Maguire.Megan@epa.gov>
Subject: RE: R21 suplement in Fayetteville, NC

Mark- Will NERL scientists be collaborating with NCSU on the Fayetteville portion of this study?

Emily J. Smith
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From: Strynar, Mark
Sent: Tuesday, October 30, 2018 3:46 PM
To: Smith, Emily J. <Smith.Emily@epa.gov>
Subject: R21 suplement in Fayetteville, NC

Emily, Some info on the planned supplement to the R21 grant and additional work in Fayetteville:

Last I heard planned for November 2018. I believe it was accepted sometime in July/August 2018 as supplemental work to be done. Samples will be analyzed just like for Wilmington samples previously.

Mark

Abstract

GenX (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoate) is a short-chain perfluoroalkyl substance (PFAS) generated in the production of non-stick coatings. This chemical is used by the Chemours Fayetteville Works facility and has been detected in the Cape Fear River in North Carolina as well as in private wells of residents near the facility. As a result of community concern, the chemical plant has reportedly stopped discharging GenX into the river. However, it is still measurable in private drinking water wells around the plant and the extent of contamination is not known. In addition to GenX, a number of related PFAS chemicals have been detected in the Cape Fear River and are potentially detectable in private wells. This project is designed to help address community questions about GenX exposure and health effects. We will work with community partners of the Cape Fear River Watch and the Brunswick County Department of Health to help identify a representative sample of residents, to collect biological samples, and to keep the community informed about what is known about GenX and what the study finds. We are expanding our currently funded R21 to include ~200 residents ages 6 and older living around the facility to provide blood, urine, and drinking water samples and to complete a questionnaire on their water use history. We plan to analyze blood, urine, and drinking water for GenX and related chemicals; blood and urine samples will also be used for clinical tests (lipid profile, thyroid function, liver function, and urinalysis). All results from the study will be shared with both the community as a whole and each individual participant. We will have a community advisory panel for the study to help advise about study protocols, methods of reporting back results to participants, and provide guidance on ongoing or new community concerns about GenX. This project leverages the expertise of NC State's Center for Human Health and the Environment to respond to an emerging community concern.

Dr. Mark J. Strynar
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